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CURRENT INDUSTRIAL REPORTS

Manufacturers' Shipments, Inventories, and Orders

NOVEMBER 1983

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(All figures in text are in seasonally adjusted current dollars)

SUMMARY. New orders for manufactured goods in November increased $4.0 billion or 2.2 percent from October to $185.8 billion. Sixty percent of that increase was attributable to new orders for defense capital goods. Excluding the defense category November orders were up 0.9 percent. Shipments of manufactured goods in November increased $4.6 billion or 2.6 percent to $181.4 billion, following a 1.0 percent decline last month. The level of manufacturers' unfilled orders increased $4.4 billion or 1.3 percent in November to $332.5 billion. This is 12 percent above the recession low in November a year ago of $298.1 billion. Without the defense capital goods category, the orders backlog showed a 0.9 percent increase. The book value of manufacturers' inventories at the end of November was estimated at $260.7 billion, showing little change from October.

NEW ORDERS. The increase in manufacturers' new orders in November of 2.2 percent resulted mostly from gains in the durable goods sector. New orders for transportation equipment increased $3.7 billion or 17.3 percent to $24.9 billion, with much of the increase reflecting large defense orders for aircraft and shipbuilding. New orders for the motor vehicle and parts industry, which for the most part reflects shipments for the month, showed an increase of 8.4 percent.

New orders for primary metals in November increased $0.8 billion or 7.4 percent to $11.7 billion, the largest one month gain since the 11.3 percent increase last May. Nearly all of this month's increase in orders was in the nonferrous category. New orders for the steel industry declined for the second month in a row.

New orders for machinery in November were down $2.0 billion or 6.0 percent to $30.6 billion. This is the first major decline in this category since orders began an upward trend in February when they were valued at $24.7 billion. The November decline resulted from decreases in the electrical and nonelectrical categories.

Within the capital goods sector, new orders for nondefense capital goods declined $1.3 billion or 4.9 percent to $24.7 billion. Declines were reported in most of the component categories although nondefense communications equipment increased. New orders for defense capital goods were up $2.4 billion or 44 percent to $8.0 billion, the largest one month volume since the $9.6 billion in orders recorded in January of this year.

SHIPMENTS. The increase in shipments of manufactured goods in November of 2.6 percent was almost all attributable to the durable goods industries. Every major industry except instruments showed significant gains.

Shipments of transportation equipment were up $1.9 billion or 9.7 percent to $21.8 billion mostly as a result of an increase in the motor vehicle and parts industry of 10.4 percent. Shipments of machinery were up $1.1 billion or 3.6 percent to $30.3 billion while shipments of primary metals were up $0.5 billion or 4.9 percent to $10.8 billion.

Shipments by the nondurable goods industries increased $0.4 billion or 0.5 percent to $89.0 billion, but the pattern within the specific industries was mixed. The largest increases were in the tobacco, apparel, and rubber and plastics products industries, while the largest declines were in foods and textile products.

UNFILLED ORDERS. The backlog of orders held by manufacturers at the end of November was valued at $332.5 billion, up $4.4 billion or 1.3 percent from October. Following the recession low in November a year ago of $298.1 billion, the unfilled order level has been increasing at an average rate of nearly one percent a month. This month's backlog increases were concentrated in the transportation equipment industry, up $3.1 billion or 2.4 percent to $131.2 billion, and the primary metals industry, up $0.9 billion or 3.3 percent to $27.2 billion.

INVENTORIES. Although the book value of inventories at the end of November showed little change from October at the total manufacturing level, a small increase in the durable goods industries virtually offset a decline in the nondurable sector. The increase in inventories of durable goods manufacturers was $0.4 billion or 0.2 percent, half of which was attributable to defense capital goods manufacturers. The decline in nondurable goods manufacturers' inventories was caused mostly by decreases in the foods, chemicals and petroleum products industries.

The inventory to shipments ratio at the end of November was 1.44. The ratio reached a high last year in October of 1.76. With steady declines in inventories the ratio dropped to a low of 1.48 in June. Between June and October the ratio fluctuated around 1.48, before falling to this month's low of 1.44.

SCHEDULED RELEASE DATES. The advance report on durable goods for December is scheduled for release on January 25, 1984 at 8:30 A.M. and the full report on February 1, 1984 at 10:30 A.M.

Address inquiries concerning these figures to U.S. Department of Commerce, Bureau of the Census, Industry Division, Washington, D.C. 20233, or call Ruth Runyan or Kathleen Swindell-Menth, (301) 763-2502.

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Table 1. VALUE OF MANUFACTURERS' SHIPMENTS FOR INDUSTRY GROUPS, MARKET CATEGORIES AND SUPPLEMENTARY SERIES

(Millions of dollars)

SIC Code	Industry	Seasonally adjusted							Not seasonally adjusted[1]					
		Monthly				Percent change			Monthly				Year to date	
		Nov. 1983[p]	Oct. 1983[r]	Sept. 1983	Aug. 1983	Oct.-Nov.[p]	Sept.-Oct.[r]	Aug.-Sept.	Nov. 1983[p]	Oct. 1983[r]	Sept. 1983	Aug. 1983	1983[p]	1982
	All manufacturing industries	181,428	176,790	178,590	175,989	+2.6	-1.0	+1.5	180,605	183,314	186,460	172,163	1,872,975	1,760,051
	Manufacturing industries with unfilled orders	94,327	91,245	91,236	89,531	+3.4	0.0	+1.9	94,154	94,742	95,727	87,475	959,545	903,329
	Durable goods industries	92,433	88,228	88,970	87,918	+4.8	-0.8	+1.2	91,943	92,878	93,354	83,450	930,302	850,744
	With unfilled orders	75,011	72,046	72,572	70,421	+4.1	-0.7	+3.1	74,654	74,763	76,099	68,143	757,474	716,693
32	Stone, clay, and glass products	4,308	4,200	4,325	4,241	+2.6	-2.9	+2.0	4,254	4,530	4,687	4,475	45,282	40,768
322	Glass containers	392	398	410	424	-1.5	-2.9	-3.3	370	402	424	443	4,526	4,454
33	Primary metals	10,835	10,327	10,091	10,048	+4.9	+2.3	+0.4	10,341	10,515	10,363	9,581	105,286	99,637
331	Blast furnaces, steel mills	4,386	4,136	4,075	4,115	+6.0	+1.5	-1.0	4,201	4,157	4,104	3,860	42,079	44,261
333-9	Nonferrous and other primary metals	5,249	5,046	4,908	4,833	+4.0	+2.8	+1.6	4,950	5,147	5,143	4,664	52,126	45,726
34	Fabricated metal products	10,995	10,785	10,802	10,328	+1.9	-0.2	+4.6	10,759	11,338	11,218	10,389	111,566	105,710
341	Metal cans, barrels, and drums	960	949	962	998	+1.2	-1.4	-3.6	801	910	1,091	1,163	10,457	10,695
35	Machinery, except electrical	16,320	15,713	15,642	15,111	+3.9	+0.5	+3.5	15,884	15,748	16,241	14,224	161,843	165,934
351	Engines and turbines	1,171	1,068	1,070	982	+9.6	-0.2	+9.0	1,097	1,039	1,106	917	11,095	11,902
352	Farm machinery and equipment	1,132	1,002	932	864	+13.0	+7.5	+7.9	931	1,085	948	780	10,163	11,016
353	Construction, mining, and material handling equipment	2,784	2,540	2,544	2,236	+9.6	-0.2	+13.8	2,645	2,525	2,590	2,165	25,754	32,141
354	Metalworking machinery	735	733	741	712	+0.3	-1.1	+4.1	713	759	773	640	7,284	8,945
356	General industrial machinery	1,337	1,183	1,250	1,364	+13.0	-5.4	-8.4	1,289	1,249	1,272	1,322	13,338	14,303
357	Office and computing machines	3,889	4,013	4,065	3,833	-3.1	-1.3	+6.1	4,119	3,896	4,435	3,688	40,982	35,560
36	Electrical machinery	13,997	13,547	13,711	12,870	+3.3	-1.2	+6.5	14,163	14,150	14,486	12,481	142,195	129,129
361,2	Electrical transmission and distribution equipment and industrial apparatus	1,902	1,847	1,997	1,883	+3.0	-7.5	+6.1	1,884	1,852	2,078	1,815	19,906	20,118
363	Household appliances	1,268	1,287	1,299	1,309	-1.5	-0.9	-0.8	1,218	1,359	1,411	1,354	13,815	11,188
365	Radio and TV	717	764	721	675	-6.2	+6.0	+6.8	837	893	865	666	7,904	7,212
366	Communication equipment	4,487	4,212	4,196	3,734	+6.5	+0.4	+12.4	4,399	4,236	4,289	3,555	44,114	40,126
367	Electronic components	3,233	3,074	3,147	3,018	+5.2	-2.3	+4.3	3,256	3,206	3,311	2,919	32,220	28,867
37	Transportation equipment	21,795	19,874	20,705	21,917	+9.7	-4.0	-5.5	22,391	21,880	21,537	18,389	218,643	179,881
371	Motor vehicles and parts	14,306	12,961	13,450	14,672	+10.4	-3.6	-8.3	14,894	14,984	14,011	11,693	138,650	104,483
372,6	Aircraft, missiles, and parts	6,022	5,428	5,693	5,857	+10.9	-4.7	-2.8	6,091	5,387	6,002	5,391	63,391	57,643
3731,95	Shipbuilding and military tank vehicles	808	859	890	762	-5.9	-3.5	+16.8	803	863	888	726	9,219	10,880
38	Instruments and related products	4,276	4,302	4,290	4,116	-0.6	+0.3	+4.2	4,385	4,443	4,566	4,082	45,321	44,809
381-4	Scientific and engineering instruments	2,449	2,528	2,515	2,443	-3.1	+0.5	+2.9	2,437	2,561	2,656	2,377	26,467	25,603
386	Photographic goods	1,649	1,587	1,584	1,469	+3.9	+0.2	+7.8	1,767	1,673	1,693	1,492	16,643	17,089
24,25, 39	All other durable goods	9,907	9,480	9,404	9,287	+4.5	+0.8	+1.3	9,766	10,274	10,256	9,829	100,166	84,876
	Nondurable goods industries	88,995	88,562	89,620	88,071	+0.5	-1.2	+1.8	88,662	90,436	93,106	88,713	942,673	909,307
	With unfilled orders	19,316	19,199	18,664	19,110	+0.6	+2.9	-2.3	19,500	19,979	19,628	19,332	202,071	186,636
20	Food and kindred products	23,906	24,089	24,698	24,131	-0.8	-2.5	+2.3	24,313	24,919	26,148	24,244	263,295	254,441
201	Meat products	5,410	5,292	5,430	5,498	+2.2	-2.5	-1.2	5,497	5,615	5,636	5,657	60,864	60,583
208	Beverages	3,263	3,351	3,597	3,706	-2.6	-6.8	-2.9	3,302	3,532	3,625	3,932	39,126	37,289
207	Fats and oils	1,423	1,526	1,520	1,420	-6.7	+0.4	+7.0	1,474	1,530	1,552	1,389	15,069	14,155
203-6,9	All other foods	10,746	10,736	10,866	10,297	+0.1	-1.2	+5.5	10,983	11,090	11,974	10,050	113,358	107,503
21	Tobacco products	1,659	1,540	1,825	1,441	+7.7	-15.6	+26.6	1,679	1,597	1,817	1,505	16,101	13,108
22	Textile mill products	4,404	4,616	4,524	4,560	-4.6	+2.0	-0.8	4,428	4,807	4,830	4,651	47,677	43,391
26	Paper and allied products	7,515	7,453	7,324	7,307	+0.8	+1.8	+0.2	7,244	7,556	7,519	7,487	78,327	72,951
261-3,6	Pulp, paper etc	3,205	3,110	3,169	3,086	+3.1	-1.9	+2.7	3,169	3,124	3,180	3,103	33,213	31,016
265	Paperboard containers	1,680	1,666	1,605	1,606	+0.8	+3.8	-0.1	1,619	1,754	1,669	1,640	17,481	16,977
264	All other paper products	2,630	2,677	2,550	2,615	-1.8	+5.0	-2.5	2,456	2,678	2,670	2,744	27,633	24,958
28	Chemicals and allied products	17,020	16,935	16,968	16,196	+0.5	-0.2	+4.8	15,943	16,087	17,244	15,591	172,797	159,084
281,6	Industrial chemicals, except pigments	5,516	5,392	5,503	5,143	+2.3	-2.0	+7.0	5,207	5,096	5,464	4,927	54,436	51,355
283,4	Drugs, soaps, and toiletries	4,071	3,839	3,941	4,188	+6.0	-2.6	-5.9	3,932	3,912	4,627	4,079	44,602	44,547
29	Petroleum and coal products	16,273	16,274	16,877	16,669	0.0	-3.6	+1.2	16,235	16,236	16,900	16,723	174,987	190,051
30	Rubber and plastics products	4,663	4,435	4,497	4,321	+5.1	-1.4	+4.1	4,424	4,715	4,655	4,438	47,660	46,630
23,27, 31	All other nondurable goods	13,555	13,220	12,907	13,446	+2.5	+2.4	-4.0	14,396	14,519	13,993	14,074	141,829	129,651
	Market categories:													
	Home goods and apparel	12,794	12,525	12,506	12,520	+2.1	+0.2	-0.1	13,380	14,045	14,013	13,581	134,123	121,985
	Consumer staples	32,229	31,996	32,796	32,419	+0.7	-2.4	+1.2	32,840	33,143	34,996	32,412	351,882	336,976
	Equipment and defense products, except automotive	26,569	25,140	25,754	24,569	+5.7	-2.4	+4.8	26,097	25,282	26,813	23,348	268,254	265,106
	Automotive equipment	16,228	14,862	15,365	16,579	+9.2	-3.3	-7.3	16,670	17,074	16,034	13,673	159,727	121,756
	Construction materials, supplies and intermediate products	14,034	13,780	13,927	13,407	+1.8	-1.1	+3.9	13,721	14,646	14,833	14,181	145,372	125,797
	Other materials, supplies, and intermediate products	79,574	78,487	78,242	76,495	+1.4	+0.3	+2.3	77,897	79,124	79,771	74,968	813,617	788,431
	Supplementary series:[2]													
	Capital goods industries	29,956	28,669	29,132	28,007	+4.5	-1.6	+4.0	29,907	28,836	30,388	26,437	304,683	299,395
	Nondefense	24,411	23,077	23,704	22,565	+5.8	-2.6	+5.0	24,345	23,236	24,734	21,261	246,124	248,393
	Defense	5,545	5,592	5,428	5,442	-0.8	+3.0	-0.3	5,562	5,600	5,654	5,176	58,559	51,002
	Household durable goods industries	5,802	5,644	5,607	5,470	+2.8	+0.7	+2.5	5,929	6,236	6,361	5,738	59,443	53,697

See footnotes at end of table 2.

Table 2. VALUE OF MANUFACTURERS' NEW ORDERS FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES

(Millioos of dollars)

SIC Code	Industry	Seasooally adjusted							Not aeasooally adjuated[1]					
		Monthly				Perceot change			Moothly				Year to date	
		Nov. 1983[P]	Oct. 1983[r]	Sept. 1983	Aug. 1983	Oct.-Nov.[P]	Sept.-Oct.[r]	Aug.-Sept.	Nov. 1983[P]	Oct. 1983[r]	Sept. 1983	Aug. 1983	1983[P]	1982
	All manufacturing industries	185,845	181,802	180,961	178,302	+2.2	+0.5	+1.5	184,082	189,773	188,190	172,883	1,901,650	1,733,268
	Manufacturing industries with uofilled orders	98,745	96,257	93,607	91,844	+2.6	+2.8	+1.9	97,631	101,201	97,457	88,194	988,219	876,546
	Durable goods iodustries	96,704	93,366	90,996	89,978	+3.6	+2.6	+1.1	95,604	99,454	94,806	83,883	957,329	824,992
	With unfilled orders	79,282	77,184	74,598	72,481	+2.7	+3.5	+2.9	78,315	81,339	77,551	68,575	784,500	690,941
32	Stone, clay, aod glass products.	4,288	4,237	4,320	4,285	+1.2	-1.9	+0.8	4,248	4,520	4,656	4,459	45,621	40,236
33	Primary metals	11,711	10,906	11,014	11,006	+7.4	-1.0	+0.1	11,304	11,162	10,743	10,470	111,134	93,248
331	8laat furnaces, steel mills	4,552	4,725	4,944	4,727	-3.7	-4.4	+4.6	4,539	4,842	4,588	4,424	45,699	40,177
333-9	Nonferrous and other primary metals	5,960	5,018	4,857	5,240	+18.8	+3.3	-7.3	5,522	5,065	4,977	5,033	54,049	44,402
34	Fabricated metal products	11,061	10,518	10,654	10,341	+5.2	-1.3	+3.0	10,662	10,914	11,009	10,214	110,613	99,556
35	Machinery, except electrical	16,103	17,509	17,233	15,391	-8.0	+1.6	+12.0	15,797	17,582	17,351	13,940	163,848	149,497
351	Engines and turbines	1,265	1,468	864	937	-13.8	+69.9	-7.8	1,039	1,799	897	927	10,969	10,634
353	Construction, mining, and material handling equipment	2,768	2,589	2,615	2,356	+6.9	-1.0	+11.0	2,646	2,579	2,632	2,212	25,710	26,739
354	Metalworking machinery	743	799	734	788	-7.0	+8.9	-6.9	717	835	728	763	7,322	6,521
356	General industrial machinery	1,269	1,595	1,334	1,228	-20.4	+19.6	+8.6	1,183	1,653	1,283	1,202	13,259	12,837
357	Office aod computing machines.	3,538	4,574	5,532	3,839	-22.6	-17.3	+44.1	3,984	4,095	5,531	3,049	42,256	32,771
36	Electrical machinery	14,516	15,075	14,382	13,987	-3.7	+4.8	+2.8	14,444	15,467	14,836	13,741	150,728	134,618
361,2	Electrical transmission and distribution equipment aod iodustrial apparatus	1,824	1,843	2,120	1,925	-1.0	-13.1	+10.1	1,767	1,832	2,118	1,871	19,766	19,263
363	Household appliances	1,310	1,296	1,298	1,350	+1.1	-0.2	-3.9	1,222	1,304	1,381	1,395	13,953	11,197
365	Radio and TV	644	570	632	654	+13.0	-9.8	-3.4	749	568	698	814	7,752	7,156
366	Communication equipment	4,750	4,527	4,373	3,937	+4.9	+3.5	+11.1	4,577	4,779	4,605	3,745	47,138	46,477
367	Electronic components	3,625	4,417	3,637	3,807	-17.9	+21.4	-4.5	3,586	4,346	3,542	3,655	37,731	28,925
37	Transportstion equipment	24,854	21,180	19,514	21,660	+17.3	+8.5	-9.9	25,180	25,148	21,669	17,108	227,729	178,990
372,6	Aircraft, miasilea, and parts.	7,720	6,824	5,551	5,448	+13.1	+22.9	+1.9	7,021	8,523	6,544	3,978	69,739	59,826
3731,95	Shipbuilding and military tank vehicles	1,890	314	-5	306	+501.9	(n)	-101.6	2,367	441	575	298	9,887	9,509
38	Instruments aod related products	4,263	4,225	4,374	4,120	+0.9	-3.4	+6.2	4,313	4,335	4,567	4,098	45,943	44,744
24,25, 39	All other durable goods	9,908	9,716	9,505	9,188	+2.0	+2.2	+3.5	9,656	10,326	9,975	9,853	101,713	84,103
	Nondurable goods industries	89,141	88,436	89,965	88,324	+0.8	-1.7	+1.9	88,478	90,319	93,384	89,000	944,321	908,276
	With unfilled orders	19,463	19,073	19,009	19,363	+2.0	+0.3	-1.8	19,316	19,862	19,906	19,619	203,719	185,605
	Market categories:													
	Home goods and apparel	12,749	12,389	12,387	12,592	+2.9	0.0	-1.6	13,147	13,563	13,573	13,778	134,774	121,348
	Consumer staplea	32,254	31,973	32,815	32,448	+0.9	-2.6	+1.1	32,815	33,085	35,055	32,450	351,824	336,960
	Equipment and defense products, except automotive	29,267	27,514	27,341	24,251	+6.4	+0.6	+12.7	28,663	29,295	28,939	21,251	278,072	257,825
	Automotive equipment	16,478	15,334	15,178	17,179	+7.5	+1.0	-11.6	16,935	17,644	15,904	14,233	161,684	120,392
	Construction materials, supplies and intermediate products	14,082	13,714	13,764	13,569	+2.7	-0.4	+1.4	13,727	14,422	14,627	14,168	145,228	122,500
	Other materials, supplies, and iotermediate products	81,015	80,878	79,476	78,263	+0.2	+1.8	+1.5	78,795	81,764	80,092	77,003	830,068	774,243
	Supplementary series:[2]													
	Capital goods industries	32,686	31,528	30,159	27,573	+3.7	+4.5	+9.4	32,244	33,874	32,181	24,491	316,984	289,209
	Nondefense	24,721	26,003	25,213	23,028	-4.9	+3.1	+9.5	24,235	26,585	25,553	21,287	247,341	226,622
	Defense	7,965	5,525	4,946	4,545	+44.2	+11.7	+8.8	8,009	7,289	6,628	3,204	69,643	62,587
	Household durable goods industries	5,754	5,537	5,452	5,553	+3.9	+1.6	-1.8	5,707	5,781	5,896	5,971	60,041	53,203

[P]Preliminary. [r]Revised. (o) When new ordera for a prior month are negative because of cancellations, the percentage change calculation is algebraically negative, even though there is a net dollar increase from the prior month to the current month.

[1]Shipments and new orders are the totals for the period and are adjusted for trading-day and calendar-month variations; unfilled orders and inventories are as of the end of the period and are not adjusted for trading-day or calendar-month variations.

[2]The supplementary series are regroupings of the separate iodustry categories: Household durable goods industries includes household furniture; kitchen articles and pottery; cutlery, hand tools, and hardware; household appliances, radio and TV, ophthalmic gooda, watches, and clocks; and miscellaneous personal goods.

Nondefense capital goods include machinery, except electrical (excluding farm machinery and equipment and machine shops); electrical machinery (excluding household appliances, radio and TV, and electronic components); railroad equipment; and the nondefense portions of ordnance; communication equipment; aircraft and aircraft parts; and shipbuilding, converting and repairing.

Defense capital gooda ioclude ordnance, communication equipment, aircraft and aircraft parts, and ahipbuilding converting and repairing. The defeose data are comparable to those published annually in the MA-175, Shipmeots to Federal Government Ageocies.

Table 3. VALUE OF MANUFACTURERS' UNFILLED ORDERS FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES

(Millions of dollars)

SIC Code	Industry	Seasonally adjusted							Not seasonally adjusted[1]				
		End of month				Percent change			End of month				
		Nov. 1983[p]	Oct. 1983[r]	Sept. 1983	Aug. 1983	Oct.-Nov.[p]	Sept.-Oct.[r]	Aug.-Sept.	Nov. 1983[p]	Oct. 1983[r]	Sept. 1983	Aug. 1983	Nov. 1982
	All manufacturing industries	332,463	328,041	323,032	320,664	+1.3	+1.6	+0.7	328,417	324,937	318,473	316,747	294,619
	Durable goods industries	321,459	317,185	312,048	310,024	+1.3	+1.6	+0.7	317,794	314,130	307,547	306,099	285,883
32	Stone, clay, and glass products	2,044	2,066	2,029	2,034	-1.1	+1.8	-0.2	1,994	2,000	2,011	2,043	1,717
33	Primary metals	27,164	26,289	25,710	24,788	+3.3	+2.3	+3.7	26,140	25,178	24,530	24,149	20,056
331	Blast furnaces, steel mills	16,274	16,108	15,519	14,650	+1.0	+3.8	+5.9	15,688	15,351	14,666	14,181	11,900
333-9	Nonferrous and other primary metals	8,443	7,733	7,761	7,812	+9.2	-0.4	-0.7	7,988	7,416	7,497	7,663	5,990
34	Fabricated metal products	20,631	20,565	20,834	20,982	+0.3	-1.3	-0.7	20,288	20,386	20,810	21,018	22,271
35	Machinery, except electrical	58,342	58,556	56,759	55,168	-0.4	+3.2	+2.9	57,542	57,629	55,794	54,684	56,791
351	Engines and turbines	14,847	14,752	14,353	14,558	+0.6	+2.8	-1.4	14,935	14,992	14,232	14,441	16,482
353	Construction, mining, and material handling equipment	5,669	5,685	5,636	5,565	-0.3	+0.9	+1.3	5,589	5,589	5,534	5,492	6,017
354	Metalworking machinery	2,422	2,414	2,347	2,354	+0.3	+2.9	-0.3	2,434	2,430	2,354	2,399	2,534
356	General industrial machinery	4,688	4,757	4,345	4,262	-1.5	+9.5	+1.9	4,613	4,719	4,315	4,304	4,838
357	Office and computing machines	20,101	20,453	19,892	18,424	-1.7	+2.8	+8.0	19,418	19,553	19,354	18,258	17,107
36	Electrical machinery	68,910	68,392	66,863	66,192	+0.8	+2.3	+1.0	68,140	67,856	66,538	66,192	58,575
361,2	Electrical transmission and distribution equipment and industrial apparatus	6,709	6,787	6,791	6,667	-1.1	-0.1	+1.9	6,622	6,738	6,758	6,719	6,877
363	Household appliances	529	487	478	479	+8.6	+1.9	-0.2	445	441	495	525	282
365	Radio and TV	266	338	532	621	-21.3	-36.5	-14.3	252	340	665	833	378
366	Communication equipment	41,774	41,513	41,197	41,021	+0.6	+0.8	+0.4	41,531	41,352	40,809	40,494	37,421
367	Electronic components	18,275	17,883	16,540	16,050	+2.2	+8.1	+3.1	17,928	17,597	16,457	16,227	12,374
37	Transportation equipment	131,192	128,132	126,827	128,020	+2.4	+1.0	-0.9	130,933	128,141	124,873	124,739	115,393
372,6	Aircraft, missiles, and parts	100,153	98,455	97,060	97,203	+1.7	+1.4	-0.1	99,699	98,767	95,631	95,088	91,427
3731,95	Shipbuilding and military tank vehicles	23,230	22,148	22,692	23,589	+4.9	-2.4	-3.8	23,414	21,849	22,271	22,584	18,392
38	Instruments and related products	7,722	7,733	7,812	7,728	-0.1	-1.0	+1.1	7,596	7,669	7,774	7,774	7,106
24,25, 39	All other durable goods	5,454	5,452	5,214	5,112	0.0	+4.6	+2.0	5,161	5,271	5,217	5,500	3,787
	Nondurable goods industries	11,004	10,856	10,984	10,640	+1.4	-1.2	+3.2	10,623	10,807	10,926	10,648	8,736
	Market categories:												
	Home goods and apparel	3,973	4,016	4,153	4,272	-1.1	-3.3	-2.8	3,655	3,889	4,368	4,810	3,061
	Consumer staples	741	716	739	720	+3.5	-3.1	+2.6	705	731	790	731	742
	Equipment and defense products, except automotive	194,551	191,853	189,477	187,894	+1.4	+1.3	+0.8	192,864	190,294	186,279	184,156	178,184
	Automotive equipment	7,300	7,050	6,578	6,765	+3.5	+7.2	-2.8	7,308	7,043	6,473	6,603	5,100
	Construction materials, supplies and intermediate products	12,504	12,456	12,523	12,685	+0.4	-0.5	-1.3	12,305	12,299	12,524	12,730	13,428
	Other materials, supplies, and intermediate products	113,394	111,950	109,562	108,328	+1.3	+2.2	+1.1	111,580	110,681	108,039	107,717	94,104
	Supplementary series:[2]												
	Capital goods industries	233,462	230,732	227,872	226,847	+1.2	+1.3	+0.5	232,023	229,682	224,643	222,851	213,934
	Nondefense	124,625	124,314	121,388	119,880	+0.3	+2.4	+1.3	123,502	123,609	120,260	119,442	123,647
	Defense	108,837	106,418	106,484	106,967	+2.3	-0.1	-0.5	108,521	106,073	104,383	103,409	90,287
	Household durable goods industries	3,502	3,548	3,655	3,809	-1.3	-2.9	-4.0	3,193	3,417	3,869	4,335	2,692

See footnotes at end of table 2.

Table 4. VALUE OP MANUFACTURERS' INVENTORIES FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES

(Milliona of dollars)

SIC Code	Industry	Seasonally adjusted							Not seaaonally adjusted[1]				
		End of month				Percent change			End of month				
		Nov. 1983[P]	Oct. 1983[r]	Sept. 1983	Aug. 1983	Oct.-Nov.[P]	Sept.-Oct.[r]	Aug.-Sept.	Nov. 1983[P]	Oct. 1983[r]	Sept. 1983	Aug. 1983	Nov. 1982
	All manufacturing industriea..	260,697	260,816	260,021	259,834	0.0	+0.3	+0.1	259,070	259,030	257,443	258,561	266,310
	Manufacturing industries with unfilled ordera.....	178,070	177,666	177,162	176,848	+0.2	+0.3	+0.2	176,074	175,812	175,489	176,830	182,145
	Durable goods industries.....	171,011	170,628	170,385	170,576	+0.2	+0.1	-0.1	169,353	169,084	168,843	170,219	175,402
	With unfilled orders.....	156,281	156,052	156,011	155,914	+0.1	0.0	+0.1	154,918	154,800	154,709	155,708	161,718
32	Stone, clay, and glass products...	5,806	5,724	5,697	5,714	+1.4	+0.5	-0.3	5,549	5,482	5,508	5,648	5,768
322	Glass containera.....	643	615	606	603	+4.6	+1.5	+0.5	631	610	597	612	641
33	Primary metala.....	19,786	19,785	19,913	20,010	0.0	-0.6	-0.5	19,606	19,527	19,600	19,868	22,190
331	8last furnaces, steel mills.....	9,493	9,463	9,468	9,560	+0.3	-0.1	-1.0	9,465	9,416	9,411	9,579	11,299
333-9	Nonferroua and other primary metals.....	9,107	9,119	9,233	9,251	-0.1	-1.2	-0.2	8,989	8,937	9,011	9,122	9,724
34	Fabricated metal products.....	17,531	17,347	17,566	17,783	+1.1	-1.2	-1.2	17,026	16,995	17,194	17,638	17,575
341	Metal cans, barrels, and drums..	1,822	1,752	1,797	2,069	+4.0	-2.5	-13.1	1,552	1,514	1,543	1,972	1,522
35	Machinery, except electrical.....	36,900	36,957	37,078	37,316	-0.2	-0.3	-0.6	36,675	36,647	36,750	37,133	40,732
351	Enginea and turbines.....	2,034	2,115	2,103	2,145	-3.8	+0.6	-2.0	2,049	2,106	2,065	2,108	2,414
352	Farm machinery and equipment....	2,047	2,044	2,051	1,951	+0.1	-0.3	+5.1	1,918	1,915	1,977	1,918	2,056
353	Construction, mining, and material handling equipment....	7,175	7,299	7,427	7,513	-1.7	-1.7	-1.1	7,146	7,168	7,278	7,438	9,366
354	Metalworking machinery.....	2,226	2,241	2,263	2,278	-0.7	-1.0	-0.7	2,226	2,246	2,240	2,282	2,470
356	General industrial machinery....	3,682	3,641	3,682	3,685	+1.1	-1.1	-0.1	3,623	3,590	3,649	3,659	3,932
357	Office and computing machines...	9,790	9,789	9,800	9,922	0.0	-0.1	-1.2	9,859	9,858	9,849	10,011	9,716
36	Electrical machinery.....	27,610	27,445	27,211	27,098	+0.6	+0.9	+0.4	27,240	27,239	26,991	27,136	26,729
361,2	Electrical transmission snd distribution equipment and industrial apparatus.....	4,031	4,090	4,040	4,002	-1.4	+1.2	+0.9	4,028	4,099	4,013	3,990	4,213
363	Household appliances.....	1,860	1,841	1,807	1,804	+1.0	+1.9	+0.2	1,747	1,757	1,715	1,773	1,695
365	Radio snd TV.....	1,006	988	1,032	1,007	+1.8	-4.3	+2.5	973	971	1,022	1,054	1,123
366	Communication equipment.....	10,966	10,954	10,856	10,761	+0.1	+0.9	+0.9	10,942	10,925	10,782	10,747	10,198
367	Electronic components.....	5,608	5,503	5,467	5,546	+1.9	+0.7	-1.4	5,518	5,492	5,450	5,551	5,518
37	Transportation equipment.....	39,928	39,977	39,805	39,594	-0.1	+0.4	+0.5	40,238	40,134	39,772	39,712	39,754
371	Motor vehicles and parts.....	8,863	8,724	8,602	8,537	+1.6	+1.4	+0.8	9,127	8,933	8,754	8,633	8,193
372,6	Aircraft, missiles, snd parts...	28,136	28,350	28,272	28,027	-0.8	+0.3	+0.9	28,116	28,290	28,113	28,107	28,444
3731,95	Shipbuilding snd military tank vehiclea.....	1,444	1,435	1,478	1,552	+0.6	-2.9	-4.8	1,485	1,461	1,483	1,553	1,540
38	Instruments and related productа..	9,051	8,988	8,961	8,982	+0.7	+0.3	-0.2	8,880	8,838	8,895	8,980	9,238
381-4	Scientific and engineering instruments.....	6,476	6,380	6,402	6,423	+1.5	-0.3	-0.3	6,392	6,291	6,351	6,397	6,535
386	Photographic goods.....	2,077	2,097	2,045	2,027	-1.0	+2.5	+0.9	2,000	2,051	2,033	2,057	2,171
24,25, 39	All other durable goods.....	14,399	14,405	14,154	14,079	0.0	+1.8	+0.5	14,139	14,222	14,133	14,104	13,416
	Nondurable goods industries.....	89,686	90,188	89,636	89,258	-0.6	+0.6	+0.4	89,717	89,946	88,600	88,342	90,908
	With unfilled orders.....	21,789	21,614	21,151	20,934	+0.8	+2.2	+1.0	21,156	21,012	20,780	21,122	20,427
20	Food and kindred products.....	20,631	20,859	21,119	21,081	-1.1	-1.2	+0.2	22,060	22,062	21,139	20,490	22,156
201	Meat productа.....	2,002	1,968	1,920	1,945	+1.7	+2.5	-1.3	2,082	1,995	1,853	1,854	2,128
208	Beverages.....	3,253	3,258	3,300	3,536	-0.2	-1.3	-6.7	3,256	3,294	3,247	3,345	3,518
207	Fats and oils.....	1,742	2,050	2,245	1,714	-15.0	-8.7	+31.0	2,140	2,108	1,715	1,363	1,489
203-6,9	All other foods.....	11,869	11,868	11,993	12,199	0.0	-1.0	-1.7	12,866	12,948	12,665	12,199	13,392
21	Tobacco products.....	4,464	4,507	4,608	4,641	-1.0	-2.2	-0.7	4,531	4,584	4,530	4,316	4,485
22	Textile mill products.....	7,096	7,013	6,869	6,706	+1.2	+2.1	+2.4	6,874	6,704	6,643	6,631	6,062
26	Paper and allied products.....	8,764	8,675	8,490	8,391	+1.0	+2.2	+1.2	8,595	8,488	8,287	8,377	8,529
261-3,6	Pulp, paper etc.....	3,306	3,271	3,217	3,211	+1.1	+1.7	+0.2	3,283	3,237	3,160	3,220	3,366
265	Paperbosrd containers.....	2,322	2,264	2,201	2,198	+2.6	+2.9	+0.1	2,238	2,194	2,163	2,205	2,214
264	All other paper products.....	3,136	3,140	3,072	2,982	-0.1	+2.2	+3.0	3,074	3,057	2,964	2,952	2,949
28	Chemicals snd sllied productа.....	19,586	19,826	19,615	19,803	-1.2	+1.1	-0.9	19,379	19,366	19,075	19,512	20,076
281,6	Industrial chemicals, except pigments.....	5,857	5,941	5,924	5,885	-1.4	+0.3	+0.7	5,793	5,793	5,746	5,821	6,364
283,4	Oruga, soaps, and toiletries....	6,201	6,404	6,331	6,290	-3.2	+1.2	+0.7	6,194	6,314	6,192	6,290	6,381
29	Petroleum and coal productа.....	8,414	8,686	8,623	8,300	-3.1	+0.7	+3.5	8,601	8,748	8,778	8,484	9,972
30	Rubber and plastics productа.....	5,785	5,724	5,670	5,700	+1.1	+1.0	-0.5	5,584	5,564	5,520	5,549	5,665
23,27, 31	All other nondurable goods.....	14,946	14,898	14,642	14,606	+0.3	+1.7	+0.2	14,093	14,430	14,628	14,983	13,963
	Market categories:												
	Home goods and apparel.....	20,765	20,804	20,544	20,334	-0.2	+1.3	+1.0	19,698	20,078	20,306	20,588	19,428
	Consumer staples.....	32,453	32,642	32,750	33,284	-0.6	-0.3	-1.6	33,430	33,733	33,095	32,780	34,498
	Equipment and defense products, except automotive.....	73,258	73,387	73,138	73,223	-0.2	+0.3	-0.1	72,963	72,883	72,499	73,025	76,474
	Automotive equipment.....	10,905	10,740	10,641	10,664	+1.5	+0.9	-0.2	11,143	10,882	10,731	10,653	10,278
	Construction materials, supplies and intermediate productа.....	19,404	19,268	19,318	19,208	+0.7	-0.3	+0.6	18,845	18,862	18,985	18,993	18,621
	Other materials, supplies, snd intermediate products.....	103,912	103,975	103,630	103,121	-0.1	+0.3	+0.5	102,991	102,592	101,827	102,522	107,011
	Supplementary series:[2]												
	Cspitsl goods industriea.....	82,908	83,226	83,091	83,091	-0.4	+0.2	0.0	82,700	82,857	82,507	83,017	86,434
	Nondefense.....	65,455	65,944	65,643	65,286	-0.7	+0.5	+0.5	65,393	65,765	65,198	65,148	70,982
	Defenae.....	17,453	17,282	17,448	17,805	+1.0	-1.0	-2.0	17,307	17,092	17,309	17,869	15,452
	Household durable goods industries.....	9,856	9,951	9,907	9,806	-1.0	+0.4	+1.0	9,510	9,689	9,770	9,936	9,692

See footnotes st end of table 2.

Table 5. VALUE OF MANUFACTURERS' INVENTORIES, BY STAGE OF FABRICATION, BY INDUSTRY GROUP

(Millions of dollars)

SIC Code	Industry	Seasonally adjusted							Not seasonally adjusted[1]				
		End of month				Percent change			End of month				
		Nov. 1983[p]	Oct. 1983[r]	Sept. 1983	Aug. 1983	Oct.-Nov.[p]	Sept.-Oct.[r]	Aug.-Sept.	Nov. 1983[p]	Oct. 1983[r]	Sept. 1983	Aug. 1983	Nov. 1982
	MATERIALS AND SUPPLIES												
	All manufacturing industries..	87,479	87,132	87,182	86,663	+0.4	-0.1	+0.6	87,034	86,628	85,959	85,773	88,223
	Durable goods industries.....	51,380	51,016	51,006	50,849	+0.7	0.0	+0.3	51,254	50,951	50,762	50,822	52,975
32	Stone, clay, and glass products...	1,922	1,903	1,924	1,948	+1.0	-1.1	-1.2	1,882	1,877	1,905	1,928	2,017
33	Primary metals.....	6,602	6,556	6,570	6,715	+0.7	-0.2	-2.2	6,688	6,591	6,565	6,671	8,145
34	Fabricated metal products.....	6,843	6,831	6,866	6,928	+0.2	-0.5	-0.9	6,673	6,726	6,815	6,891	6,724
35	Machinery, except electrical.....	10,488	10,325	10,568	10,511	+1.6	-2.3	+0.5	10,490	10,371	10,406	10,473	11,492
36	Electrical Machinery.....	7,668	7,565	7,490	7,362	+1.4	+1.0	+1.7	7,482	7,471	7,458	7,431	7,458
37	Transportation equipment.....	9,886	9,826	9,791	9,681	+0.6	+0.4	+1.1	10,022	9,812	9,721	9,686	9,152
38	Instruments and related products..	2,520	2,596	2,572	2,522	-2.9	+0.9	+2.0	2,487	2,560	2,563	2,509	2,809
24,25, 39	All other durable goods.....	5,451	5,414	5,225	5,182	+0.7	+3.6	+0.8	5,530	5,543	5,329	5,233	5,178
	Nondurable goods industries.....	36,099	36,116	36,176	35,814	0.0	-0.2	+1.0	35,780	35,677	35,197	34,951	35,248
20	Food and kindred products.....	7,899	8,150	8,419	7,960	-3.1	-3.2	+5.8	8,317	8,256	7,852	7,489	7,840
21	Tobacco products.....	3,945	3,976	4,063	4,094	-0.8	-2.1	-0.8	3,896	3,914	3,932	3,822	3,988
22	Textile mill products.....	2,209	2,230	2,191	2,122	-0.9	+1.8	+3.3	2,094	2,048	2,052	2,062	1,804
26	Paper and allied products.....	4,472	4,377	4,235	4,194	+2.2	+3.4	+1.0	4,383	4,341	4,239	4,218	4,231
28	Chemicals and allied products.....	7,524	7,501	7,475	7,488	+0.3	+0.3	-0.2	7,322	7,305	7,364	7,411	7,451
29	Petroleum and coal products.....	2,068	2,059	2,177	2,265	+0.4	-5.4	-3.9	2,064	2,145	2,143	2,236	2,539
30	Rubber and plastics products.....	2,181	2,092	2,012	2,020	+4.3	+4.0	-0.4	2,120	2,083	1,997	1,977	1,960
23,27, 31	All other nondurable goods.....	5,801	5,731	5,604	5,671	+1.2	+2.3	-1.2	5,584	5,585	5,618	5,736	5,663
	WORK IN PROCESS												
	All manufacturing industries..	91,422	91,565	90,747	90,556	-0.2	+0.9	+0.2	91,079	91,320	90,630	90,956	92,581
	Durable goods industries.....	76,885	76,857	76,270	76,116	0.0	+0.8	+0.2	76,571	76,588	76,098	76,455	78,028
32	Stone, clay, and glass products...	788	779	788	785	+1.2	-1.1	+0.4	727	725	758	771	881
33	Primary metals.....	7,369	7,497	7,399	7,293	-1.7	+1.3	+1.5	7,207	7,363	7,357	7,415	8,040
34	Fabricated metal products.....	6,177	6,031	6,196	6,175	+2.4	-2.7	+0.3	5,986	5,938	6,083	6,167	5,954
35	Machinery, except electrical.....	15,191	15,254	15,095	15,074	-0.4	+1.1	+0.1	15,255	15,214	15,047	15,065	16,733
36	Electrical Machinery.....	14,575	14,533	14,209	14,259	+0.3	+2.3	-0.4	14,527	14,525	14,149	14,308	13,523
37	Transportation equipment.....	25,399	25,430	25,273	25,227	-0.1	+0.6	+0.2	25,570	25,598	25,396	25,366	25,734
38	Instruments and related products..	3,955	3,892	3,941	3,989	+1.6	-1.2	-1.2	3,910	3,838	3,910	4,008	4,027
24,25, 39	All other durable goods.....	3,431	3,441	3,369	3,314	-0.3	+2.1	+1.7	3,389	3,387	3,398	3,355	3,136
	Nondurable goods industries.....	14,537	14,708	14,477	14,440	-1.2	+1.6	+0.3	14,508	14,732	14,532	14,501	14,553
20	Food and kindred products.....	1,669	1,702	1,706	1,815	-1.9	-0.2	-6.0	1,717	1,717	1,685	1,724	1,859
21	Tobacco products.....	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
22	Textile mill products.....	2,332	2,251	2,193	2,112	+3.6	+2.6	+3.8	2,302	2,232	2,177	2,112	1,963
26	Paper and allied products.....	1,091	1,082	1,040	1,050	+0.8	+4.0	-1.0	1,071	1,060	1,046	1,069	1,039
28	Chemicals and allied products.....	3,382	3,438	3,365	3,338	-1.6	+2.2	+0.8	3,342	3,417	3,339	3,324	3,372
29	Petroleum and coal products.....	1,609	1,809	1,792	1,777	-11.1	+0.9	+0.8	1,652	1,757	1,767	1,793	2,050
30	Rubber and plastics products.....	1,033	1,003	994	1,009	+3.0	+0.9	-1.5	1,034	998	997	998	1,078
23,27, 31	All other nondurable goods.....	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
	FINISHED GOODS												
	All manufacturing industries..	81,796	82,119	82,092	82,615	-0.4	0.0	-0.6	80,957	81,082	80,854	81,832	85,506
	Durable goods industries.....	42,746	42,755	43,109	43,611	0.0	-0.8	-1.2	41,528	41,545	41,983	42,942	44,399
32	Stone, clay, and glass products...	3,096	3,042	2,985	2,981	+1.8	+1.9	+0.1	2,940	2,880	2,845	2,949	2,870
33	Primary metals.....	5,815	5,732	5,944	6,002	+1.4	-3.6	-1.0	5,711	5,573	5,678	5,782	6,005
34	Fabricated metal products.....	4,511	4,485	4,504	4,680	+0.6	-0.4	-3.8	4,367	4,331	4,296	4,580	4,897
35	Machinery, except electrical.....	11,221	11,378	11,415	11,731	-1.4	-0.3	-2.7	10,930	11,062	11,297	11,595	12,507
36	Electrical Machinery.....	5,367	5,347	5,512	5,477	+0.4	-3.0	+0.6	5,231	5,243	5,384	5,397	5,748
37	Transportation equipment.....	4,643	4,721	4,741	4,686	-1.7	-0.4	+1.2	4,646	4,724	4,655	4,660	4,868
38	Instruments and related products..	2,576	2,500	2,448	2,471	+3.0	+2.1	-0.9	2,483	2,440	2,422	2,463	2,402
24,25, 39	All other durable goods.....	5,517	5,550	5,560	5,583	-0.6	-0.2	-0.4	5,220	5,292	5,406	5,516	5,102
	Nondurable goods industries.....	39,050	39,364	38,983	39,004	-0.8	+1.0	-0.1	39,429	39,537	38,871	38,890	41,107
20	Food and kindred products.....	11,063	11,007	10,994	11,306	+0.5	+0.1	-2.8	12,026	12,089	11,602	11,277	12,457
21	Tobacco products.....	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
22	Textile mill products.....	2,555	2,532	2,485	2,472	+0.9	+1.9	+0.5	2,478	2,424	2,414	2,457	2,295
26	Paper and allied products.....	3,201	3,216	3,215	3,147	-0.5	0.0	+2.2	3,141	3,087	3,002	3,090	3,259
28	Chemicals and allied products.....	8,680	8,887	8,775	8,977	-2.3	+1.3	-2.3	8,715	8,644	8,372	8,777	9,253
29	Petroleum and coal products.....	4,737	4,818	4,654	4,288	-1.7	+3.5	+8.5	4,885	4,846	4,868	4,455	5,383
30	Rubber and plastics products.....	2,571	2,629	2,664	2,671	-2.2	-1.3	-0.3	2,430	2,483	2,526	2,574	2,627
23,27, 31	All other nondurable goods.....	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)

[p]Preliminary. [r]Revised. (S) Suppressed because data do not meet Census Bureau publication standards.

Table 6. RATIO OF MANUFACTURERS' INVENTORIES TO SHIPMENTS AND UNFILLED ORDERS TO SHIPMENTS, BY INDUSTRY GROUP

(Based on seasonally adjusted data)

SIC Code	Industry	Inventory/shipments ratio				Unfilled orders/shipments ratio[1]			
		Nov. 1983[p]	Oct. 1983[r]	Sept. 1983	Aug. 1983	Nov. 1983[p]	Oct. 1983[r]	Sept. 1983	Aug. 1983
	All manufacturing industries	1.44	1.48	1.46	1.48	3.52	3.60	3.54	3.58
	Durable goods industries	1.85	1.93	1.92	1.94	4.29	4.40	4.30	4.40
32	Stone, clay, and glass products	1.35	1.36	1.32	1.35	0.52	0.54	0.52	0.53
33	Primary metals	1.83	1.92	1.97	1.99	2.51	2.55	2.55	2.47
34	Fabricated metal products	1.59	1.61	1.63	1.72	2.06	2.09	2.12	2.25
35	Machinery, except electrical	2.26	2.35	2.37	2.47	3.84	3.98	3.86	3.87
36	Electrical machinery	1.97	2.03	1.98	2.11	4.92	5.05	4.88	5.14
37	Transportation equipment	1.83	2.01	1.92	1.81	11.27	11.95	11.29	11.31
38	Instruments and related products	2.12	2.09	2.09	2.18	1.81	1.80	1.82	1.88
	Nondurable goods industries	1.01	1.02	1.00	1.01	0.57	0.57	0.59	0.56
20	Food and kindred products	0.86	0.87	0.86	0.87	(X)	(X)	(X)	(X)
21	Tobacco products	2.69	2.93	2.52	3.22	(X)	(X)	(X)	(X)
22	Textile mill products	1.61	1.52	1.52	1.47	(NA)	(NA)	(NA)	(NA)
26	Paper and allied products	1.17	1.16	1.16	1.15	(NA)	(NA)	(NA)	(NA)
28	Chemicals and allied products	1.15	1.17	1.16	1.22	(X)	(X)	(X)	(X)
29	Petroleum and coal products	0.52	0.53	0.51	0.50	(X)	(X)	(X)	(X)
30	Rubber and plastics products	1.24	1.29	1.26	1.32	(X)	(X)	(X)	(X)

[p]Preliminary. [r]Revised. (X) Not applicable. (NA) Not available.

[1]Excludes the following industries with no unfilled orders: Wood and lumber products; glass containers; metal cans, barrels, and drums; farm machinery and equipment; motor vehicle assembly operations; other transportation equipment; foods and related products; tobacco; apparel and related products; building paper; die-cut paper and board; chemicals; petroleum and coal products; and rubber and plastics products, n.e.c.

Table 7. AVERAGE REVISIONS TO PREVIOUSLY PUBLISHED MONTHLY PERCENT CHANGES

(Based on seasonally adjusted data)

SIC Code	Industry	Shipments			New orders			Unfilled orders			Inventories		
		Year ago Nov. 1982	All Novs. 1978-1982	Nov. 1982-Oct. 1983	Year ago Nov. 1982	All Novs. 1978-1982	Nov. 1982-Oct. 1983	Year ago Nov. 1982	All Novs. 1978-1982	Nov. 1982-Oct. 1983	Year ago Nov. 1982	All Novs. 1978-1982	Nov. 1982-Oct. 1983
	All manufacturing industries	0.3	0.3	0.3	0.3	0.4	0.3	0.0	0.1	0.2	0.0	0.0	0.2
	Durable goods industries	0.0	0.4	0.4	0.0	0.8	0.7	0.0	0.1	0.2	0.1	0.0	0.1
32	Stone, clay, and glass products	0.5	0.5	0.9	0.6	0.8	1.3	0.3	0.6	1.3	0.4	0.6	0.6
33	Primary metals	0.5	0.7	0.9	0.4	2.0	1.4	0.0	0.6	0.4	0.4	0.3	0.4
34	Fabricated metal products	1.1	1.2	1.1	1.6	1.6	1.8	1.0	0.4	0.4	0.7	0.5	0.3
35	Machinery, except electrical	0.3	1.0	0.9	0.1	1.8	2.0	0.1	0.3	0.4	0.2	0.2	0.3
36	Electrical machinery	0.5	0.3	0.6	1.5	0.5	1.3	0.2	0.2	0.2	0.4	0.2	0.2
37	Transportation equipment	0.3	0.7	0.9	0.6	1.1	1.6	0.1	0.1	0.2	0.1	0.2	0.2
38	Instruments and related products	0.1	0.1	0.7	2.0	0.6	1.2	0.9	0.4	0.7	0.2	0.1	0.5
	Nondurable goods industries	0.6	0.3	0.4	0.5	0.3	0.4	0.4	0.2	0.5	0.1	0.1	0.3
20	Food and kindred products	0.8	0.3	0.6	(X)	(X)	(X)	(X)	(X)	(X)	0.1	0.3	0.7
21	Tobacco products	0.0	0.9	0.5	(X)	(X)	(X)	(X)	(X)	(X)	0.0	0.3	0.1
22	Textile mill products	0.0	1.0	1.3	0.9	0.5	1.5	0.9	1.0	1.0	0.7	0.5	0.6
26	Paper and allied products	0.7	0.5	0.9	0.8	1.1	1.6	0.3	1.3	1.7	0.1	0.1	0.4
28	Chemicals and allied products	0.5	0.4	1.4	(X)	(X)	(X)	(X)	(X)	(X)	0.6	0.3	0.4
29	Petroleum and coal products	1.0	0.6	0.9	(X)	(X)	(X)	(X)	(X)	(X)	1.3	1.1	0.8
30	Rubber and plastics products	0.3	1.5	1.1	(X)	(X)	(X)	(X)	(X)	(X)	0.7	0.3	0.9
	Capital Goods Industries:												
	Nondefense	0.3	0.4	1.0	1.2	1.4	1.8	0.0	0.2	0.3	0.3	0.2	0.3
	Defense	0.4	0.8	0.9	4.5	1.8	4.1	0.3	0.1	0.3	0.0	0.1	0.5

(X) Not Applicable

Note: The revisions are the differences between the month-to-month percent changes of the preliminary and final estimates. The monthly averages are the simple averages of the differences, without regard to sign, for the months specified. The advance to final percent change differences for the durable goods industries are shown in the advance report for the month.

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